

# **Relativistic kinetics of an anisotropic plasmalike medium with damping in a field of gravitational radiation**

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## **Abstract**

An exact solution is obtained for the general relativistic kinetic equation with model collision integral that describes the motion of an initially homogeneous anisotropic plasma in a field of plane gravitational waves (GW) of arbitrary amplitude and polarization. The amplitude of the induced current is calculated. © 1985 Plenum Publishing Corporation.

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